DOCUMENT RESUME

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[FREDERICK COUNTY OUTDOOR SCHOOL SAMPLE FORMS.]

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Identifiers-Frederick County Outdoor School

The preparations, forms, checklists, parental permission letters, and pre-planning procedures necessary in conducting and participating in an outdoor school program are related. This teacher information material includes: outdoor school staff member's classroom visitation, classroom preparation for the outdoor school, films and materials, post visitation suggestions, and a teacher's checklist. Examples of letters to parents, counselor's checklist, planning sheets, daily schedules, assignment or duty sheets, weather log, and student question sheets are also included. A related document is RC 002 652. (SW)

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BOARD OF EDUCATION OF FREDERICK COUNTY
115 East Church Street
Frederick, Maryland

FREDERICK COUNTY OUTDOOR SCHOOL — TEACHERS' INFORMATION

Camp Greentop, Thurmont, Maryland — Phone: 271-7270

Teachers: A new environment for learning. This is the Outdoor School program that has involved our sixth grade classes and their teachers since 1957. In a wooded, mountainous area of approximately 10,000 acres - the camp is located in Catoctin Mountain Park and is adjacent to the Cunningham Falls State Park - many and varied learnings can take place. The teacher learns much about the members of the class academically and socially.

You, the classroom teacher, are the KEY person in the program because you are involved in the pre-planning for the Outdoor School experiences
- the experiences at the Outdoor School
- and the activities that follow when the class returns to the school.

All subject areas are involved as children seek answers to questions and work for solutions to real problems.

Math: "How far is the star?" "Is that one acre?" "How high is that tree?"
Art: "Here is my sketch of the wildflower and the animal track."
Language Arts: "I'll give the weather report at lunch." "Our skit was funny."
Science: "But how can water make the hole in the rock?"
Physical Education: "That was a good game in the woods last night!"
In order to "tailor-make" the program for each group, the Outdoor School Staff welcomes and requests your suggestions.
See last page for a "typical week's schedule."

ED 002604

Staff Member Classroom Visit: A month preceding your stay at the Outdoor School, one of the Outdoor School staff members will spend around an hour and a half with your class. Ask for the following:

DATE_____ TIME_____ TEACHER_____ SCHOOL_____

1. Exploration Study on the school grounds: 1/2 hour duration. Groups of four do activities such as the following and report back to the class on findings.

Group A - Count the number of deciduous trees. (Trees that drop leaves in fall.) Note bark texture; opposite, alternate branching; type, size of buds; shape, size of the veins of leaves.

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Group B - Pacing (two steps approximately five feet)
Length and width of school
Length and width of school grounds
What are the compass directions of the school walls? (Use sun as compass)

Group C - Rocks
Crack rock to note colors and minerals. What is the type of break, fracture?
What is the commonest color in the rock?
What is the weight of the rock?

Group D - Animals
Where are the homes of the animals who live on your school ground? (Look near wall of school, in bushes, grass, and under rocks and wood.)
What kind of food do they eat?
Census of animal seen - number - activity

Group E - Conservation on the school grounds
Where is erosion and over-use observed? What steps might be taken for improvement?
Where is good use of school grounds observed? (Trees, shrubs, grass plantings, drainage of water).

Group F - Weather
What are the temperatures of air, wall of school soil, air under a tree?
Skycover: Amount covered, types of clouds observed.
Wind: Which direction is it blowing? What is the apparent speed?

Group G - Comparison of plant growth
How many different plants are in one square foot of ground?
Observe the type of roots, veins of leaves, smell, moisture, texture of soil.
Do this in different places on school grounds.

2. Slides of the Outdoor School. 1/2 hour. Have 35MM projector and screen available.
3. Initiate preplanning sheets.
4. Answer questions concerning the Outdoor School.

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1. <u>When to start classroom preparation.</u> Many teachers feel that one month is sufficient. A secretary might keep notes on questions and comments that come up earlier.

2. <u>Preparation for the Outdoor School</u> (Assign committees to the following.)

PLANTS: Parts of a plant, photosynthesis, value of plants, kinds of plants, plant succession

ANIMALS: Differences - amphibious, reptiles, insects, mammals, habitats

WATER: Characteristics, work of water, erosion and weathering

ROCKS: History of earth, kinds of rocks, mountain formation

SOIL: Parent materials, subsoil and topsoil

WEATHER: Air temperature, wind speed, humidity, barometric readings, types of clouds, causes of weather

ASTRONOMY: Stars, planets, meteors, zodiac, ecliptic, spring or fall constellations. Visit to the Earth and Space Science Laboratory.

CONSERVATION: Fire: insect and man destruction. Watershed. Covercrops. Air and water pollution

LANGUAGE ARTS: Creative writing. (A few suggested topics)
Why do we have an Outdoor School?
Why I think the Outdoor School will benefit by class. At the Outdoor School I want to meet other boys and girls because ----------.

How to study outdoors. Write songs or parodies that could be used after meals or at Vespers.
What can we learn at the Outdoor School, we can not learn as well in our regular school.
List questions or problems I (class) wish to investigate at the Outdoor School.
Write songs, parodies, poems, rhymes about the out-of-doors. (Use at camp.)
Log Book (Class decides on what to include.)

MUSIC: Ask your visiting music teacher for help. They are helpful for the Vespers too. "Boom De Ah Dah" "Sarasponda" "Swinging Along the Open Road" "Green Grow the Rushes" "Happy Wanderer" "Upward Trail" "Vreneli" "Vive L'Mour" "Peace on the River" "Each Campfire Lights Anew" "All Night, All Day" "This Land Is Your Land" "Michael, Row Your Boat Ashore"

CAMP JOBS AND ROUTINES: Raising and lowering of American and Maryland Flags. Making of a single bed. Use health room bed. Setting the table. Work out with cafeteria ladies.

3. FILMS (Order from the Central Office)

F223 "Chapparal Classroom" (19 minutes) Shows the planning of the California Outdoor School and the camp activities. Ideas on planning and values of outdoor education.

F226 "Adventuring in Conservation" (14 minutes) Orientation to Outdoor program. Inter-relationship of plants and animals.

F27 "Forest Conservation" (11 minutes) Need for conservation. Well managed forest.

F114 "Mammals are Interesting" (12 minutes) Good selection of animals - invertebrates and vertebrates.

F130 "Minerals and Rocks" (16 minutes) Three types of rocks. Some identification "Frederick County Outdoor School Movie" (34 minutes) color, sound movie of the 1966 Brunswick Class. (Call Brunswick to schedule, as movie takes special projector).

4. ENROUTE TO OUTDOOR SCHOOL	HOME SCHOOL	OUTDOOR SCHOOL
BUS SPEEDOMETER READING		
TEMPERATURE		
MAIN TYPE OF PLANT GROWTH		
COLOR OF SOIL		
2 STEPS EQUAL 5 FEET SIZE OF CLASSROOM, CABIN		
SIZE OF PLAYGROUND/ GREENTOP FIELD		
TYPE OF TOPOGRAPHY		
MAIN COLOR/ TYPE OF ROCK		
COMMONEST ANIMAL LIFE		
SKY COVER		
FUNNY HAPPENING		

5. MIMMEOGRAPHED MATERIALS AVAILABLE AT THE OUTDOOR SCHOOL:
   Fall or spring sky charts
   Weather report forms

6. Equipment that you might wish to bring from school.
   Zim Books on Trees, Rocks and Minerals, Reptiles and Amphibians, Insects, and Weather
   MICROSCOPES: We encourage you to bring yours.

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7. SUGGESTIONS AFTER OUTDOOR SCHOOL VISIT:

   Continue research on questions from field study.

   Letters to Park Superintendent and Naturalist, Fish Hatchery, Teachers at Outdoor School, Cooks, Nurse, Counselors.

   Art: Visiting art teacher might help you. Hall, class bulletin board of sketches, crafts, snapshots, or creative drawings.

   Talk to fifth grade classes, Present a program to them.
   Individuals or groups present different phases of program.
   Present program to PTA.
   Explore school area more thoroughly.

   Creative writing: What I found out. My impression of the Outdoor School.

   Debate: Why the Outdoor School was of value - why the Outdoor School wasn't of value.

TEACHERS FINAL CHECK LIST

1. Parent letters: Available from the secretary for the Supervisor of Physical Education. These letters contain the philosophy of outdoor education, clothing list, and a parent permission slip.

2. Parent Permission Slips: Please bring them with you, and note any parent comments on health of students. The nurse will keep them in the Infirmary.

3. $6.00 food costs: This $6.00 plus government surplus and milk payments pay the food costs. If you should have a child who hasn't the money, you might ask your school PTA to contribute. If the school has no funds for this, check with the Outdoor School.

   Check: Please bring a check from your school for the total food amount made out to the Frederick County Outdoor School.

4. Jungleland Serpentarium - If your students wish to drop by the Jungleland at Catoctin Furnace, enroute home on Friday from the Outdoor School, they will be charged 25¢ admission. We strongly recommend Jungleland, as the owner has a good background in reptiles and biology. (Please don't feel we are pushing this, you and your class can decide.) Keep this money separate from food money.

5. Cabin Lists: Please have the cabin lists with the phone numbers filled out upon arrival at camp. The Outdoor School Principal uses this in calling the roll. This list is kept by the phone in case an emergency should arise.

6. Vespers: This is one of the highlights of the day. It is ten minutes long and can include original songs, stories, thoughts or poems. You can also use poems, choral readings, etc.
This nature inspired time is prepared in the classroom.

7. Emphasize to your boys or girls that they bring the following, if they have them: Pocket knives, binoculars, a field notebook (around 4" x 6"), Zim Books, musical instrument, if they plan to play "Taps", Reveille", or "Flag Calls." OVERSHOES AND RAINCOATS ARE REALLY IMPORTANT.

8. Council members: Could you have three children who can meet to plan the evening program, No work need be done on this previous to the Outdoor School.

1. 2. 3.

Council Member Names

9. Pre-Planning Sheets: If you should wish to have the pre-planning sheets for the students in your class, just ask the staff member for them.

10. Mr. Kerns from the Earth and Space Science Laboratory will arrange a visit for your class to VIEW THE SKY.

11. Please feel free to ask our staff member about any problems or concerns you might have.

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THE FREDERICK COUNTY OUTDOOR SCHOOL

BOARD OF EDUCATION OF FREDERICK COUNTY
115 East Church Street
Frederick, Maryland

Dear Parents:

The Frederick County School System is operating the Frederick County Outdoor School at Camp Greentop in Catoctin Mountain Park. The camp is located in the 5,000 acre mountainous area near Thurmont. The United States Department of Interior operates the camp through the National Park Service. We are fortunate in having one of the finest Outdoor School Sites in the country.

Sixth grade classes and their teachers attend the Outdoor School from 9:30 a.m. Monday through 1:00 p.m. on Friday. Each child pays $6.00 for the food costs and 25¢ if the class group plans to visit the Jungleland-Serpentarium, enroute home on Friday.

After looking this over, if you have any questions, call your elementary school, or drop by and talk to the principal or teacher of your sixth grader.

The program of activities is related to the regular classroom program in every possible way, and is based on the following basic objectives:

1. To recognize the value of our natural resources and to learn to use them wisely.
2. To give every student a chance to develop increased knowledge and interest in several areas of science, mathematics, history, English, art, and music.
3. To make classroom learnings more meaningful through the application of knowledge to practical outdoor situations.
4. To learn to live democratically with other children and adults through experiences in outdoor living.
5. To develop skills and interests in outdoor recreation whichwill carry-over into later life.
6. To improve health and physical fitness.

The valuable citizenship training of working together democratically to care for the camp and its program we feel is also important. Group living in the cabins, the dining room and elsewhere in camp is a valuable experience. Some worthwhile work experiences are table setting, bed making, and other duties relating to the keeping of facilities clean and neat. Such duties can also make an educational contribution.

The school system believes that this outdoor educational experience is a valuable one. The challenge offered to these young people by this type of "learning by doing" program is a long step in the direction of better education for all our children and youth.

Every precaution will be taken to care for the health of the children while they are at camp. They will be under adult supervision at all times.

Please do not call or visit the camp except in an emergency. The central office 662-4191 has the camp's phone number.

If for any reason your boy or girl cannot go with the group, he or she will be included with another class in the school while others are at camp. There is a nurse

at the camp, and a doctor on call in Thurmont.

Please fill out the attached supplement and return it as soon as possible.

EQUIPMENT LIST

ESSENTIAL CLOTHING - AFTER SCHOOL TYPE

1. Sleeping bag or blankets and sheets
2. Two or more pair of jeans, slacks
3. Heavy shirts and light shirts
4. Warm jackets or
5. RAINCOAT AND OVERSHOES
6. Underwear
7. Pajamas
8. Socks - 3 pair or more
9. Shoes: One pair that tie on for hiking
   and another pair.
10. Toothbrush, soap, bathtowel, washcloth
11. Pocket knife, if possible
12. Field notebook and pencil (4" x 6" or less)

OPTIONAL

1. Compass
2. A book to read
3. Camera and film
4. Stationery and stamps
5. Binoculars

DO NOT BRING

1. Sheath knives
2. Comic books
3. Food of any kind
4. Matches
5. Money, nothing to buy
6. Radio, TV, Walkie-talkie, etc.

FREDERICK COUNTY MARYLAND OUTDOOR SCHOOL - HELD AT CAMP GREENTOP

The Outdoor School is more than a schedule, as nature isn't always cooperative. Here is the way the week will more or less move along.

7:15 REVEILLE - If you get up earlier - 6:30 earliest - please be quiet so you may observe deer and other wildlife. (Cabin - Wash-house clean-up)

7:40 K.P. AND FLAG RAISING BELL - Four students raise the United States and Maryland Flags. Sixth graders take turns at K.P.

8:00 BREAKFAST - Songs led by students or staff. Weather Report

9:00 - 9:30 - PLANNING - Teacher, resource teacher, counselors and students finalize plans for field study of the day.

9:30 - 12:00 FIELD STUDY

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Staff Meeting Busses arrive Cabin Assignments Tour of Camp Infirmary, cabins Dining and Rec. Halls Weather Station Salt lick Teacher's Meeting	TROUT HATCHERY Observe ponds Disect trout Check water temperature Kinds of trout Financing of hatchery Should hatchery be located there? Slides of hatchery	ALL DAY FIELD STUDY Taking field notes Animal homes Edible plants Oddities of nature HOG ROCK Economic history Work of a stream	MOUNTAIN-PLATEAU GEOLOGY Rocks: colors and minerals Types of rocks History of the earth View: Plateau, mountain, out-cropping, Intrusions Monadnock	NATURE CRAFT Whittle Charcoal sketching Plaster tracks Nature pictures Use knife and saw --- Cabin Report Lost and Found Flag Lowering

12:15 LUNCH - K.P. 's report at 12:00. One K.P. per table. Songs and weather report
LAZY TIME: Rest, whittle, free time tools, sketch, read, nature cabin.

1:30 - 2:00 PLANNING - Finalize plans for afternoon field study

2:00 - 4:30 FIELD STUDY

MOUNTAINSIDE STREAM ENVIRONMENTS Life in stream Temperature on top mountain, stream, woods. Plant changes Work of water	FIRETOWER CLIMB Use of compass Spotting fires Use of tower Use of topo map Watershed study Field note exploration	CUNNINGHAM FALLS Work of water Beauty of area Environment comparisons COOK OUT Cook own meal Care of outdoors COMPASS HIKE Use compass Observations Adventure	FORESTRY FOOD CHAIN Kinds of trees Age of trees Characteristics Oddities Plant succession Plant pine trees Animal life What is a forest?	1:00 p.m. Bus leaves for home school or for the Jungleland Serpentarium. Classes choosing to visit here pay 25¢ each.

4:30 SHOWER AND FREE TIME
5:15 SUPPER - Songs from the group, skits or jokes, weather report, cabin inspection
6:30 FLAG LOWERING - Four students. Classes share this job; others at attention
VESPERS - Each class group presents one of these nature inspired 10 minutes of choral speaking, creative poems or thoughts, poems, stories, scripture.
6:45 CLASS MEETING - Sixth Grade teacher and class reflect and plan for next day's field work.
7:30 EVENING ACTIVITY - Outside games, campfire, skits, stunts, square-folk dancing,astronomy
9:00 SNACK - TAPS Students may bring instruments to play this call.

PERMISSION SLIP

To be returned to teacher and retained by nurse while child is in camp.

I give my permission for _____
Name of student

_____ _____
Address Phone

(Be sure address and telephone number are those where parent can be reached.)

to attend the Frederick County Outdoor School at Camp Greentop, Catoctin Mountain Park, Thurmont, Maryland. I have read the letter and understand the purposes, I shall assume the same responsibility as though my child were in school.

DOCTOR PERMISSION The School Board assumes no medical expense for any child. They recommend that you carry school insurance which covers the child at camp.

If an accident should occur, we would:

1. Call the parent.

2. If unable to contact the parent, we would call the family doctor.

   Your family doctor is _____ _____
   Name Phone

3. If we are unable to contact the parent or doctor, parent permission is granted to camp doctor to administer treatment. This expense will be assumed by the parent.

UNIQUE PROBLEMS: Please note any unique problems, such as medicines or shots the nurse should administer, or inform us of any physical limitations such as heart, etc. (Most doctors permit all children to attend the Outdoor School, so do ask your doctor, as this experience means so much to the sixth graders.)

_____

_____

_____

_____

_____

_____
Parent Signature

9/24/67

PARENT INFORMATION 2nd PERMISSION LETTER
For: High School Counselors at Camp Greentop, the Outdoor School

Week at Camp_____ Elementary School_____
Male_____ Female_____

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To: Parent or Guardian

In this letter the role of the HIGH SCHOOL COUNSELOR at the Outdoor School will be explained. May we thank you in advance for your help and cooperation, as the counselors have done a great job with boys and girls since 1960.

If you should have any further questions, please call David Marple, Principal of the Outdoor School, 845-6156 or the Frederick County Board of Education, 662-4191.

WHAT IS THE OUTDOOR SCHOOL?

Each week three sixth grade classes and their teachers spend five days and four nights at Camp Greentop for outdoor education. Students study first hand the plants, animals, rocks, water and the sky. This study is correlated with the elementary science curriculum.

The camp is located near Thurmont, Maryland in the 5,000 acre Catoctin Mountain Park. Ninety per cent of the mountainous area is in forest, so it is a beautiful place to study the outdoors.

STAFF OF THE OUTDOOR SCHOOL

Principal - 4 Outdoor School Teachers - 3 Sixth Grade Teachers - 8 High School or College Counselors - 4 cooks and a handyman - A nurse.

ROLE OF THE HIGH SCHOOL COUNSELOR

The high school counselors are assigned to work with one of the sixth grade groups. During the day the counselor accompanies the class on the field study. At night the counselor is in charge of a cabin group of nine children.

BENEFITS TO THE HIGH SCHOOL STUDENT

The high school counselor renders a real service to the sixth grade boys and girls. It is a good opportunity to test leadership with the sixth grade and the staff of the Outdoor School. Many of the high school students speak of the increased awareness of the outdoors after this experience.

STUDY TIME

Counselors are given time off from the day time field study to complete their high school assignments. The high school faculties have cooperated very well with the students in giving these assignments.

TRANSPORTATION TO AND FROM CAMP

Your son or daughter will be transported on a school bus to the camp and returned to the elementary school at the top of the page. Counselors should arrive at the school around 8:30 a.m. on Monday, they will return to the school around 3:00 p.m. on Friday.

CLOTHING AND EQUIPMENT

Sleeping bag or 2 blankets, sheets, pillow (The nights are cool.) Toothbrush soap, towel, underclothing - 2 or 3 pair of long pants, slacks, levis, etc. - 2 pair of shoes (Suggest one pair that ties for the hiking) - Socks, rain gear (Most important) Heavy jacket, sweater, etc. - No skirts or dress up clothing is needed. The dress is informal and casual/ Old clothes.

ONE DAY ORIENTATION SESSION FOR THE HIGH SCHOOL COUNSELORS

This one day orientation session will aid us in doing a better job with the boys and girls. If you cannot make the orientation session, please call Mr. Marple, so he will know. (Dress in old clothes for hiking.)

DATE_____

8:30 a.m.	Frederick High School. Brunswick, Middletown, and Frederick High School students will be picked up on the Outdoor School Bus at Frederick High.
8:35 a.m.	Thomas Johnson High School students will be picked up.
8:45 a.m.	Walkersville High School Linganore and Walkersville students will be picked up at Walkersville.
9:15 a.m.	Thurmont High School Emmitsburg and Thurmont students will be picked up at Thurmont.
10:00 a.m.	Field Trip Techniques on Thurmont Vista Trail (located in Catoctin Mt. Park) Skills: Use of compass, topo maps and field trip ideas.
12:00 noon	Cook-Out (Food will be provided: just bring an appetite.) Skills: Use of knife, building fires, and cooking. Care of the outdoors.
1:00 p.m.	Tour Camp buildings Cabins - Counseling techniques Nature Cabin - Use of equipment, week's schedule Dining Hall - K.P. Duties. Sing a camp song. Counselor's role Infirmary - Care of the sick camper, basic first aid
2:00 p.m.	Philosophy of the Outdoor School Final questions or concerns of the High School Students
2:45 p.m.	Thurmont High return
3:45 p.m.	Walkersville High return
3:25 p.m.	Thomas Johnson return
3:30 p.m.	Frederick High return

PLEASE RETURN THE PERMISSION SLIP TO YOUR HIGH SCHOOL

- -

Parent Permission Slip for High School Counselor at the Outdoor School

I give permission for _____to serve as a Counselor at the Outdoor School.

_____

Signature of parent or guardian

COUNSELOR'S NAME _____ CABIN _____ HIGH SCHOOL _____

COUNSELOR CHECK LIST .....FREDERICK COUNTY OUTDOOR SCHOOL .....FREDERICK, MARYLAND

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The counselor is often the person most remembered at the Outdoor School. The boys and girls look up to you as a friend and as a counselor.

As you check off the following, no doubt there are other characteristics and jobs that you might think of. One of the staff members will meet with you concerning your counseling job. Do feel free to ask about any concerns that you might have.

	Monday	Tuesday	Wednesday	Thursday
Put to bed: Campers settled down well (?) after "Taps"				
Dining Hall: Helped on K.P., manners, singing				
Health: Noted cleanliness and changing of clothes, fatigue				
Counseling: Listened to and talked to campers, concerning problems				
Free time: Played with campers on "greentop" etc.				
Planning: Aided teacher in planning seasions and class meeting				
Evenings: Entered into the activities with gusto				
Study Time: Worked on assignments				

Friday Resume - Would you state your reactions to -

1. Your cabin group _____

_____

2. The field study _____

_____

3. This counseling experience _____

_____

CLASS MEETING SUGGESTIONS FOR THE FREDERICK COUNTY OUTDOOR SCHOOL

The class meeting is the "glue" that holds the outdoor school learnings together. It is the time to reflect back on the many observations and activities of the day. Also, it is the time to plan for the next day's activities.

Below are listed some techniques that have been used over the years since 1957. We would appreciate hearing about other ways that you have conducted your class meetings.

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1. Pre Outdoor School Planning Sheets: Many use these sheets in the classroom preceding their stay on the mountain. Go over these questions and be sure the staff members get these questions before the activity. Some teachers cut up these questions and have the questions in hand to give to the staff member.

2. Research Time: Each class has the rack of Zim books and Audabon pamphlets to use for research. Paging through these materials has been worthwhile. The non-reader does well here too, as he has seen what he is reading about.

3. Groups of Four: Good communication happens with groups of four. Give the small groups ideas such as the following.
   Most important learning(s) during the field study. Least important.
   Make up four questions to ask the other members of the class.
   Write down questions or problems to explore in tomorrow's field study.

4. Write a four line rhyme describing one aspect of the field study.

5. Discuss vocabulary from the field trips. Teachers and students keep notes of this.

6. Review the field notes from their field notebooks. Teacher and counselors could look them over with the kids. Work on outdoor school log books.

7. Draw a sketch of some part of the day's study.

8. On Thursday .... Have four people speak on why the outdoors is good for study. Have four others speak on why the class did not use the outdoors wisely.

9. Sitting in a circle: Go around the circle having each member comment on -
   Best part of a field study - weakest part of a field study
   Something new I learned - two favorite parts of activity
   One question for tomorrow's field study
   On Thursday: The best field study ... the least worthwhile
   One reason why there should be an outdoor school
   The classes best success of the week
   The classes least successful experience
   A suggestion for improving the outdoor school
   Things we could do back at the school: art, music
   Program for fifth graders, writing letters, bulletin boards

10. Suggest ideas for the evening 7:30 - 8:30 hour. Hike to hear night noises, fire building, games in the woods, compass by flashlight, campfires

SUGGESTION:
Watch the seating arrangement. Groups sitting in a circle or square seem to communicate better. Involve all members, the non-verbal of the class can shine at the outdoor school.

(Tack on wall in porch area) CABIN _____

FREDERICK COUNTY OUTDOOR SCHOOL ..... Buildings and Grounds ..... Clean-Up

CAMPERS AND COUNSELORS: This is our camp for the week, so let's KEEP IT SHARP!

DAILY JOBS	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
CABIN SWEEPERS 2 campers sweep counselor's room, porch, both sides and steps	1 _____ 2 _____	1 _____ 2 _____	1 _____ 2 _____	1 _____ 2 _____
PICKER UPPERS 2 campers pick up paper around the cabin and near by paths. Empty basket in barrel.	1 _____ 2 _____	1 _____ 2 _____	1 _____ 2 _____	1 _____ 2 _____

	Day	Number To Do Job
WASHHOUSE IN YOUR SECTION Scour sinks Sweep floor Empty waste basket into barrel. Pick up paper around wash house TURN OFF LIGHTS	_____	1 2 _____ 1 2
SWEEP OUT NATURE CABIN AND PORCH	_____	1 2
CENTRAL WASH-HOUSE Scour sinks, sweep floor, pick up paper around building and empty trash barrels.	Boys	1 2
	Girls	1 2
SWEEP OUT BUS		
SIDEWALK - SWEEP In front of dining hall Between dining hall and rec. hall Sidewalk on westside of dining hall		

FREDERICK COUNTY, MARYLAND OUTDOOR SCHOOL

Meeting Area _____

	Monday	Tuesday	Wednesday	Thursday	Friday
7:15 Reveille	6:30 Early risey deer watchers				7:00 Baggage Up
7:40 K.P.(1 per table) Flag Raising (4) Weather - 3 Meals	X				
					Staff Evaluation
9:00 Planning 9:30 - 12:00 Field Study					Cabin Report Flag Lowering
12:00 K.P.	Introductions Songs, health				
1:30 Planning 2:00 - 4:00 Field Study					1:00 Return to Jungleland - Serpentarium or School
Showers - Free Time					
5:00 K.P.					
6:30 Flag Lowering (4) Vespers					
6:45 Class Meeting	1. Discuss today's field study 2. List questions, problems for tomorrow's study				
7:30 Evening Activity (Planned by Council)					
9:00 Snack Taps					

MONDAY SET UP

FREDERICK COUNTY OUTDOOR SCHOOL

Date

School - Teacher	Boys	Girls	Total	Boys	Girls

Staff Meeting	Teachers Meeting
Free time tools	Checks
	Weather
	Showers
	Limited Activity
	Showers
	Leaving
	Vespers
	Planning

Meal Count

School	Kids H.S.	Adults	Total	Cook-Out
Staff				

	Mon.	Tues.	Wed.	Thurs.	Fri.
Brkt.					
Lunch					
Supper					

WEATHER LOG — **FREDERICK COUNTY OUTDOOR SCHOOL – FREDERICK, MARYLAND**

		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
TEMPERATURE	8:00					
	12:00					
	5:00					
YESTERDAYS: HIGHEST & LOWEST	8:00					
AIR PRESSURE	8:00					
	12:00					
R = Rising L = Falling	5:00					
WIND DIRECTION & SPEED	8:00					
	12:00					
	5:00					
SKY COVER 2/10% Clear 2/10-8/10% Cloudy 8/10% + Overcast	8:00					
	12:00					
	5:00					
PRECIPITATION	8:00					
	12:00					
	5:00					
HUMIDITY	8:00					
	12:00					
	5:00					
YOUR PREDICTION	8:00					
	12:00					

JUNGLELAND - SERPENTARIUM FIELD TRIP

FREDERICK COUNTY OUTDOOR SCHOOL

TEACHERS - STUDENTS: The following information should make your visit to Jungleland more interesting - If you have further questions, you may call Mr. Rich Hahn at 271-7488.

ANIMALS YOU WILL SEE AT JUNGLELAND

1. MAMMALS: Animals possessing hair, warm blooded
   Monkey - Fifth smartest animal
   Dingo Fox - Dog-like carnivores
   Bobcat - Lion - Cat-like carnivores
   Skunk - Member of weasel family. An example of laziness.
   Raccoon - 10th smartest animal type
   Bear - Largest animal in North America. Lives in Western Maryland. Frederick??? (No)
   Woodchuck, Porcupine - Mouse relative
   Oppossum - Only marsupial in new world (has a pouch)
   Deer, Llama - Hoofed animal that walks on toes (not a toe dancer)

2. BIRDS: Animals possessing feathers, warm blooded
   Peafowl - Display back feathers
   Pheasant - quail, partridge, turkey - Game birds
   Vulture - A valuable carrion (rotten meat) eater
   Owl - Have you heard one at night?

3. REPTILES: Animals possessing scales, cold blooded, dry skin
   Alligators - Leathery scales, strong jaws
   Turtles - Bony scales, well protected
   Lizard - Sun loving. Scales and toe nails. (Do you mistake salamanders for lizards?
   Snakes - Legless, earless, NON-SLIMY
   Copperhead and rattlesnakes - 2 poisonous snakes in Maryland
   Anaconda, python, boa-constrictors - non-poisonous constrictors
   Blacksnakes, water and garter snakes - Harmless (They scare some people)

4. AMPHIBIANS: Animals with moist skin. No scales. Cold blooded
   Frogs and toads - Tailess hoppers
   Salamanders - Waterloving (like many children)

ANIMAL GAME

Can you match these? There is one right answer -

	Group A	Group B
_____ 1.	Pouch	a. Peacock
_____ 2.	Quill	b. Skunk
_____ 3.	Retractable claw	c. Turtle
_____ 4.	Talons	d. Oppossum
_____ 5.	Antlers	e. Deer
_____ 6.	Prehensile grasping tail	f. Rattlesnake
_____ 7.	Musk (odor glands)	g. Porcupine
_____ 8.	1,000 eyes	h. Copperhead
_____ 9.	Fat weasel	i. Bobcat
_____ 10.	Shell	j. Monkey
_____ 11.	Elliptical (cateye) pupil	k. Owl
_____ 12.	Hour glass pattern	l. Fox

NATURE HUNT

Frederick Outdoor School — Camp Greentop, Thurmont, Md.

L. Everything is out of doors.
2. Except for lichen, moss and fungus, no living things are to be picked.
3. When the bell rings, the Hunt is over.

BE SURE TO TAKE CARE OF OUR NATIONAL PARK.....USE GOOD SMOKEY BEAR SENSE

ITEM	POINTS	Your Points
One samll acorn	1	
Three different colored stones	3	
One inch square sample of soil	1	
Feather	2	
Three different shaped leaves from off the ground.	3	
Lichen: Gray plant growth on many of the trees and rocks.	2	
Animal evidence from under a log or rock(You don't have to bring this in, just explain it. Replace rocks and logs.)	3	
Stick shaped like your teacher	2	
An insect (Insects have 3 body parts three pairs of legs)	3	
A Millipede (Two legs per section) Found under rocks or logs. Be sure to replace logs and rocks.	2	
Temperature	1	
Barometer reading	1	
Describe the sky: Clouds, color	1	
Your weather prediction for the next 6 hours	2	
Number of yards from the Rec. Hall fireplace to the woods straight across (Each two steps you take is about 5 feet)	4	
Place where you saw a wildflower	2	
A dead stick with opposite BRanching	2	
Sample of air	1	

CABIN ASSIGNMENTS

Frederick County Outdoor School
Camp Greentop, Thurmont, Maryland
Phone: 271-7270

Teachers: Please bring this list with you on Monday when you come to the Outdoor School. Place 10 boys or girls in each cabin. (If you should have 15 boys, place 10 in one cabin and 5 in another cabin.)

Phone Numbers: This is kept on the Nature Cabin desk in case you or the nurse wish to contact the child's home. If the child does not have a home phone, have the closest neighbor's phone.

School_____ Teacher_____

Dates at the Outdoor School_____

CABIN		CABIN	
	Phone		Phone
1.		1.	
2.		2.	
3.		3.	
4.		4.	
5.		5.	
6.		6.	
7.		7.	
8.		8.	
9.		9.	
10.		10.	

CABIN		CABIN	
1.		1.	
2.		2.	
3.		3.	
4.		4.	
5.		5.	
6.		6.	
7.		7.	
8.		8.	
9.		9.	
10.		10.	

THE OUTDOOR SCHOOL

CAMP GREENTOP, U. S. N. P. S.

FREDERICK COUNTY BOARD OF EDUCATION

FREDERICK, MARYLAND

RECEIVED SEP 20 1968 NMSU E.R.I.C.

PRE-OUTDOOR SCHOOL PLANNING NAME_____

Boys and Girls:

Ten thousand acres is a lot of land. Incidentally, how large is one acre? The Outdoor School area has 10,000 wooded rocky, mountainous acres. Do you know the Camp Greentop buildings are located at an elevation of 1,700 feet above sea level. If you live in the Frederick Valley area you live at an elevation of approximately 350 feet above sea level.

At the Outdoor School you can imagine that there is much room for exploring and finding answers to your questions and problems about the outdoors. In order for you, your teacher and the staff of the Outdoor School to have a good week, would you fill in the following with your questions and problems. Feel free to write questions on the back if you run out of room.

1. Mountains: rocks and minerals, soil, the earth's history

2. Plants: trees, shrubs, wildflowers, weeds, fungi, plant succession

3. Animal Life: mammals, insects, fish, reptiles, birds

4. Water: waterfalls, streams, watershed, the work of water

5. Weather: thermometers, hi-lo thermometer, wet-dry bulb, winds, clouds

6. Forest Fires: firetower, maps, compasses

7. Environmental Changes: Due to elevation, open field, wooded area, streams, and waterfall

8. Astronomy: stars, moon, earth, planets, constellations, galaxies, space travel